Saskatchewan
Energy and Mines

Saskatchewan
Geological Survey

Index To Assessment Work In The Southern Mining District Of Saskatchewan

by
Anne Fuzesy

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Miscellaneous Report 84-6

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INTRODUCTION

This is the first edition of a catalogue of assessment work in Saskatchewan south of 54° latitude – the Southern Mining District. The entries are records of work submitted in compliance with regulations under The Mineral Resources Act (specifically The Mineral Disposition Regulations, 1961; The Quarrying Regulations, 1957; The Coal Mining Regulations, 1957; The Subsurface Mineral Regulations, 1960, and Alkali Mining Regulations).

The assessment work is grouped according to the National Topographic System of numbering map sheets. Each entry follows this format:

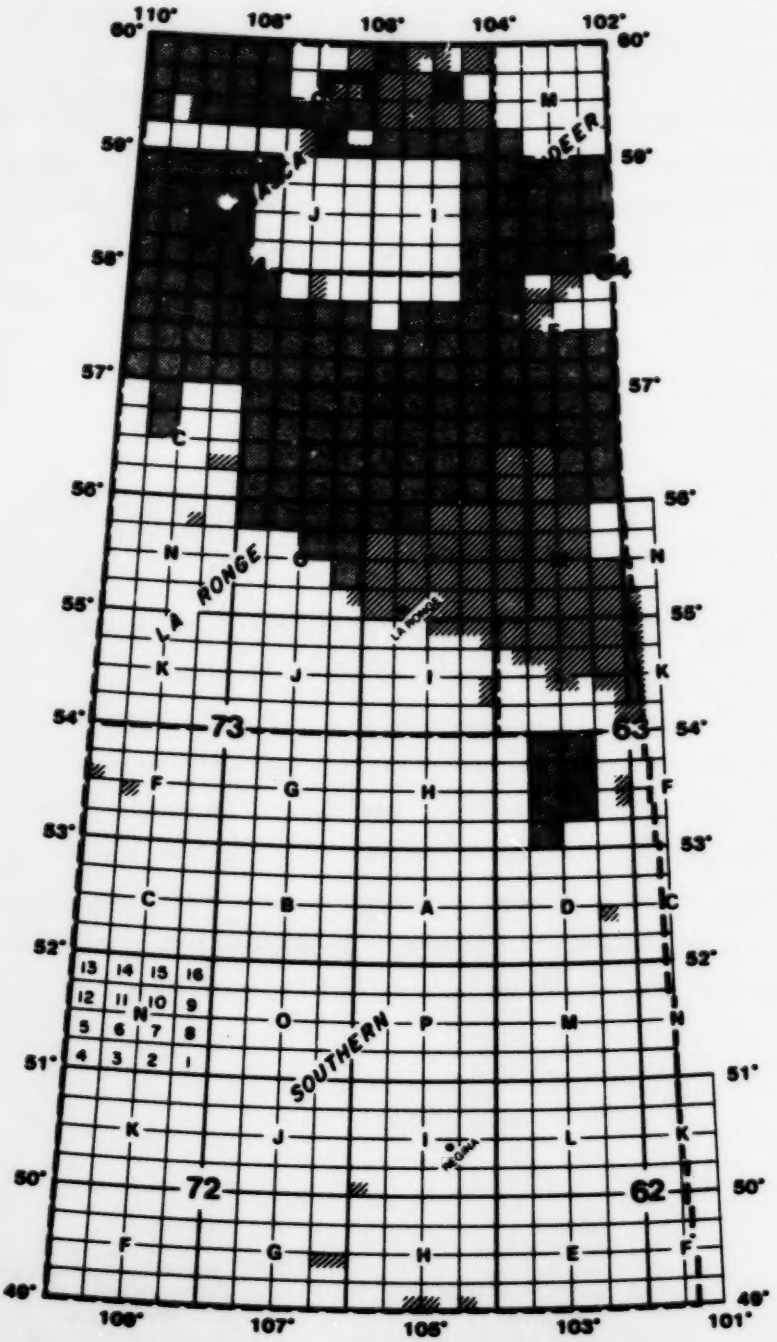
COMPANY (or CLAIM HOLDER)	Type of work
Geographical location	Report, number of maps, author
PROPERTY	Assays, analyses, tests
Land description (or latitude and longitude)	
File number	Date of work

Confidential files (as of May 1, 1984) are indicated by an asterisk after the date. A property index of claims, claim blocks, permits and other areas commences on page 24.

Non-confidential assessment files may be examined in the Geological Survey of Saskatchewan Energy and Mines in Regina (12th floor, Toronto-Dominion Bank Building, 1914 Hamilton Street). Those relating to subsurface exploration may also be examined at the Subsurface Geological Laboratory, 201 Dewdney Avenue East in Regina. Although not listed here, records of potash, coal and other test holes submitted under The Geophysical Exploration Regulations, 1964 or The Oil and Gas Conservation Act are also available for examination in the Geological Survey.

ABBREVIATIONS

Cu	copper	C	caliper	N	neutron
Fe	iron	CBS	claim block	R	resistivity
Pb	lead	D	density	SMDC	Saskatchewan Mining Development Corporation
U	uranium	DST	drill stem test	SP	self-potential
Zn	zinc	E	electrical	SPC	Saskatchewan Power Corporation
		EIS	environmental impact study	SRC	Saskatchewan Research Council
dh	drill hole	G	gamma ray	XRF	X-ray fluorescence
ddh	diamond drill hole	LSD	legal subdivision		
rdh	rotary drill hole	MPP	mineral prospecting permit		


110°
108°
106°
104°
102°
60°
58°
57°
56°
55°
54°
53°
52°
51°
50°
49°
109°
107°
105°
103°
101°
ALASKA
DEER
LA RONGE
SOUTHERN
73
63
72
62
NORMAL
Mining District Boundary
Mining Recording Office
Mineral Disposition Maps
One inch to one-half mile (1:31,680)
One inch to three-thousand feet (1:36,000)
One inch to fifty-thousand inches (1:50,000)

62-E-2

ESTEVAN BRICK
Estevan area
PROSPECTING PERMIT NO 2 (clay)
East half Section 7-14-2-8W2
62E02-0001

10 rdh logs
(#1, 1A, 2, 2A, 4, 6, 8, 10, 17, 18)
2 project reports by J H Hudson
Test results (colour, shrinkage etc)
1978

MANITOBA AND SASKATCHEWAN COAL COMPANY LIMITED
Bienfait area
BIENFAIT EXPANSION PROJECT (coal)
Township 2 Range 6W2
62E02-0004

Project proposal
(Environmental impact study)
1978

S P C
Estevan area
COAL PROSPECTING PERMITS No 7 to 20
Township 1 and 2 Ranges 7 to 9W2
62E02-0003

Estimate of recoverable coal reserves
Report, map, by R L Cheesman
1972

UTILITY COALS LTD
Estevan area
COAL PROSPECTING PERMIT No 10
Sections 10, 11, 14 Township 2 Range 7W2
62E02-0002

21 drillers' logs
(#EM 1-69 to 16-69, 18-69 to 22-69)
Report, 2 maps, by P H Shirley
Coal analyses (cuttings)
1969 *

62-E-3

ESTEVAN BRICK
Estevan area
PROSPECTING PERMIT No 3 (clay)
Lsd 12-18-2-8W2
62E03-0001

18 core logs
(dh #1 to 16, 2A, 10A)
Drill report - 3 pages
1971

S P C
Boundary Dam area
Twelve sections (mostly S P C COAL PERMITS)
Townships 1 and 2 Ranges 8 and 9W2
62E03-0002

108 test hole logs (driller's/gamma)
(#SPC M-1 to 108)
Coal evaluation report, 4 maps, by O P Lesiuk
1966

S P C
Boundary Dam area
Mined-out COAL LEASES
Townships 1 and 2 Ranges 8 and 9W2
62E03-0003

Evaluation of lower coal seam
31 driller's, E and lithological logs
(#ME 1 to 31)
6 combined logs (lithology, E D G C)
Report, map, by Montreal Engineering
Coal analyses (cuttings and core)
1972

62-E-6

RURAL MUNICIPALITY of CYMRI No 36
Souris River-Dead Lake area
PROSPECTING PERMIT No 1 (sand and gravel)
North half Section 8-4-11W2
62E06-0001

Location plan proposed gravel pit (Y-6660)
Brief note - material unsuitable (dirt and clay)
1981 *

* confidential

62-E-11

UTILITY COALS LTD
Stoughton area
COAL PROSPECTING PERMITS No 45 to 49
Township 8 Range 8W2
62E11-0001

11 driller's logs
(#STM 1-72 to 11-72)
Brief report, map, by P H Shirley

1972

62-K-12

CANBERRA OIL COMPANY
Spy Hill-Marchwell area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1
Townships 19 and 20 Range 30W1
62K12-0002

Exploratory drilling
3 well reports by S Hegion (including core descriptions, DSTs, chemical analyses)
Analyses: potash (core)

1961-62

INTERNATIONAL MINERALS & CHEMICAL CORPORATION (CANADA) LTD
Yarbo-Gerald area
SUBSURFACE MINERAL PROSPECTING PERMITS Nos 1 & 2
Townships 19 to 21 Ranges 31 to 33W1
62K12-0001

17 potash core tests including Yarbo #17S (shaft pilot hole)
2 reports of activities by Nelson C White
1956 - 2 maps location, grade
1957 - 3 photos shaft sinking, mill site plan

1957-57 *

62-K-13

POTASH CORPORATION OF SASKATCHEWAN
Bredenbury-Churchbridge area
SUBSURFACE MINERAL PROSPECTING PERMIT KP-262
Townships 22 and 23 Ranges 32W1 to 1W2
62K13-0001 to 0004

Seismic Survey by Northern Geophysical
Final report, 20 maps, by Bediz Exploration Consultants Ltd (July 1981)

1979 *

7 exploratory wells
(#6-20, 1-22, 16-28, 13-30, 16-36-22-32W1; 5-10, 13-22-23-32W1)
7 engineering reports by R H Brown (including logs, sample and core description, DSTs, water and core analyses, directional surveys etc)

1980-81 *

Geotechnical and hydrogeological study of two shaft pilot holes
Report, Appendices A to M, by Scott-Ortech Mining Ltd (seven volumes)
2 core descriptions by R H Brown

1981-82 *

(Environmental Impact Study Proposed Bredenbury Potash Mine by PCS Mining Limited filed with Saskatchewan Environment)
Quaternary and bedrock geology (log study) by E A Christiansen
Analyses: water quality, hydrologic (EIS)

1982 *

* confidential

62-M-6

RURAL MUNICIPALITY of GARRY No 245
Parkerview area
PROSPECTING PERMIT No 1 (gravel)
Southwest Section 28-27-9W2
62M06-0001

Test hole drilling (backhoe)
Letter by J T Kuziak)
Tests: visual only
(Part now lease Y-6399)

1978 *

62-M-11

APOLLO MINERALS LTD
Sheho-Invermay-Margo area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1
Townships 30 to 32 Range 9W2 and
Township 32 Range 10W2
62M11-0001

Geological study of potash prospect Theodore area by J C Sproule and Associates
Report, 1 cross section, 4 maps, 6 analyses charts, by H Gorrell

1966

63-C-13

NORTHERN SILICA LIMITED
Red Deer River area
SPECIAL AGREEMENT (silica sand)
Sections 13 to 30 Township 46-30W1
63C13-0001

19 dh records, 4 sections, sampling plan
Report on reserves, 5 figs, by C A L Hogg
4 reports on test results by Britton Research
Mineralogy by J A Chamberlain (Dolmage-Campbell)
Assays: Fe_2O_3 (core)
Tests: screening; flotation; scrubbing

1968 *

63-D-2

W F BOTKIN CONSTRUCTION LTD
Lady lake area
PROSPECTING PERMIT No 4 (sand, gravel, rock)
Sections 2, 11, 14-35-5W2
63D02-0001

Brief note by W T Botkin (June 27)

1978

63-D-14

GULF MINERALS CANADA LTD
Mistatim area
PERMIT No 20 (later MPP 1044)
Lsd 5-17-45-10W2
63D14-0001

2 ddh records
(#5A and 5B abandoned in Blairmore/Souris R)
Assessment report by Paul Beck
Analyses: Cu Pb Zn (core)

1978

63-E-3

S M D C
Pasquia Hills-northwest area
MPP 1090 (formerly Permit No 30)
Townships 48 to 51 Ranges 8 to 11W2
63E06-0008

9 rdh records, gamma and E logs
(#P-1 to 9, c 400' - no gamma log for #9)
Water geochemical sampling
Summary report, 6 maps and 12 cross-sections, by T Walker
Analyses

1978 *

* confidential

63-E-3 continued

UNIVERSAL EXPLORATIONS LTD
Carrot River area
CBS 4000 4001 4006 4778 4939
Townships 49 to 51 Ranges 7 to 8W2
63E03-NE-0003

Test pitting and shallow core hole drilling
Report and analyses by M L Larson

1979 *

UNIVERSAL EXPLORATIONS LTD
Carrot River-Smoky Burn area
CBS 4001
Township 49 Range 8W2
63E06-SE-0005

Magnetometer, scintillometer, geochemical
and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979 *

UNIVERSAL EXPLORATIONS LTD
Carrot River area
CBS 4939
Township 49 Range 8W2
63E03-NE-0001

Magnetometer, scintillometer, geochemical
and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979 *

63-E-6

S M D C
Pasquia Hills-northwest area
MPP 1090 (formerly Permit No 30)
Townships 48 to 51 Ranges 8 to 11W2
63E06-0008

9 rdh records, gamma and E logs
(#P-1 to 9, c 400' - no gamma log for #9)
Water geochemical sampling
Summary report, 6 maps and 12 cross-sections,
by T Walker
Analyses

1978 *

S M D C
Carrot River area
MPP 1090 (formerly Permit No 30)
Township 50 Ranges 8 and 9W2
63E06-0007

12 rdh records, gamma and E logs
(#P-10 to 21)
Report, 3 maps, 5 cross sections by T Walker

1979 *

UNIVERSAL EXPLORATIONS Ltd
Carrot River-Smoky Burn area
CBS 4000
Township 50 Range 8W2
63E06-SE-0004

Magnetometer, scintillometer, geochemical
and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979 *

UNIVERSAL EXPLORATIONS LTD
Carrot River-Smoky Burn area
CBS 4001
Township 49 Range 8W2
63E06-SE-0005

Magnetometer, scintillometer, geochemical
and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979 *

UNIVERSAL EXPLORATIONS LTD
Carrot River-Smoky Burn area
CBS 4005
Township 51 Range 8W2
63E06-NE-0001

Magnetometer, scintillometer, geochemical
and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979 *

UNIVERSAL EXPLORATIONS LTD
Carrot River-Smoky Burn area
CBS 4006
Township 50 Range 7W2
63E06-SE-0006

Magnetometer, scintillometer, geochemical
and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979 *

* confidential

63-E-6 continued

UNIVERSAL EXPLORATIONS LTD
Carrot River area
CBS 4940
Township 51 Range 7W2
63E06-NE-0002

Magnetometer, scintillometer, geochemical and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex
1979 *

UNIVERSAL EXPLORATIONS LTD
Carrot River Smoky Burn area
CBS 6906
Township 51 Range 7W2
63E06-NE-0003

Magnetometer, scintillometer, geochemical and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex
1979

63-E-7

BEDFORD PETROLEUMS LTD
Red Earth Indian Reserve area
CBS 6880
Townships 51 and 52 Range 7W2
63E07-NW-0012 and 0015

Heavy metal geochemical sampling survey by W M Morrison
Report and map
1978 *

Uranium and helium-in-soil surveys
Report, 2 maps, by W M Morrison
1980 *

BEDFORD PETROLEUMS LTD
Red Earth Creek area
CBS 6895
Township 51 Range 7W2
63E07-0021

Uranium and total heavy metal soil survey, ground radiometric survey
Report, 4 maps, by W M Morrison
Analyses
1981 *

CADILLAC EXPLORATIONS LTD
Red Earth Indian Reserve area
CBS 6880
Townships 51 and 52 Range 7W2
63E07-NW-0009

Radon-in-soil and gamma ray radiation survey
Report by W M Morrison
1977 *

DEPARTMENT INDIAN AND NORTHERN DEVELOPMENT
Red Earth area
INDIAN RESERVE No 29 29A, CBS 6904 6905 6948
Townships 51 and 52 Ranges 6 and 7W2
63E07-0017

Water sampling report by P S Friesen
Analyses
1978 *

DEPARTMENT INDIAN AND NORTHERN DEVELOPMENT
Cracking River area
CBS 6905
Township 51 Range 7W2
63E07-0020

Magnetometer, scintillometer, geochemical and Track Etch surveys
Report, 3 maps, by M L Larson
1979 *

HEATH, COLIN LEE
Red Earth Creek area
CBS 6895
Township 51 Range 7W2
63E07-0010

Ground scintillometer, radon-in-soil, total metal surveys
Report by W M Morrison
1978 *

* confidential

63-E-7

MARTMON EXPLORATIONS LTD Red Earth Indian Reserve area CBS 6945 Township 51 Range 6W2 63E07-NW-0001, 0013 and 0014	Ground magnetic survey report, 6 maps, by E M Estabrooks Radon survey report and map by W M Morrison Calstan Pasquia Hills #2-8 lithology and G-N log (1958) Report on Red Earth Indian Reserve exploration by J W Davis 1977
	Ground E M and radiometric surveys Report, 5 maps, by L C Card 1978-79
	Soil and soil gas geochemical survey Analyses: U_3O_8 Report, 2 maps, by W M Morrison 1980
MARTMON EXPLORATIONS LTD Red Earth Indian Reserve area CBS 8370 Township 51 Ranges 6 and 7W2 63E07-0016 and 0018	Helium-in-soil-gas, heavy metal and ground radiometric survey Report, 3 maps, by W M Morrison 1981 *
	Helium-in-soil-gas, soil sampling (metals) Report, 2 maps, by W M Morrison Analyses 1982 *
PREFONTAINE, H Carrot River area CBS 6881 and 6893 Townships 51 and 52 Ranges 6 and 7W2 63E07-0003	Gas seep sampling Property evaluation report, map, by L B Halferdahl (1978) 1976
PREFONTAINE, H Carrot River area CBS 6881 Township 52 Range 7 63E07-0004	Radon-in-soil and water sampling, scintillometer reading Report by W M Morrison 1978
RED EARTH INDIAN BAND-DINA Red Earth area CBS 6948 Townships 51 and 52 Range 6 63E07-NW-0002	Ground scintillometer and radon gas survey report by W M Morrison 1976-77 *
RED EARTH INDIAN BAND-DIAND Red Earth area CBS 6948 Townships 51 and 52 Range 6W2 63E07-NW-0019	Magnetometer, scintillometer, geochemical and Track Etch surveys Report, 3 maps, by M L Larson 1979
UNIVERSAL EXPLORATIONS LTD Cracking River area CBS 4778 Township 51 Range 7W2 63E07-NW-0006	Magnetometer, scintillometer, geochemical and Track Etch surveys 2 reports, 7 maps, by M L Larson and Terradex 1979

* confidential

63-E-7 continued

UNIVERSAL EXPLORATIONS LTD
Carrot River area
CBS 4940
Township 51 Range 7W2
63E06-NE-0002

Magnetometer, scintillometer, geochemical and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979 *

UNIVERSAL EXPLORATIONS LTD
Carrot River area
CBS 6881 and 6893
Townships 51 and 52 Ranges 6 and 7W2
63E07-0011

Ground magnetic and radiometric survey
Report, 8 maps, by M L Larson

1979 *

UNIVERSAL EXPLORATIONS LTD
Carrot River-Smoky Burn area
CBS 6906
Township 51 Range 7W2
63E06-NE-0003

Magnetometer, scintillometer, geochemical and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979 *

WYOMING MINERALS CORPORATION
Red Earth area
COMAPLEX PERMIT No 10 (now MPP 1105) and
CBS 4003, 4778 to 4781
Lat 53-15 to 47 Long 102-45 to 103-03
63E07-0005

Lake water and sediment sampling
Evaluation repoort, 9 maps by P S Friesen

1978 *

63-E-10

WYOMING MINERALS CORPORATION
Red Earth area
COMAPLEX PERMIT No 10 (now MPP 1105) and
CBS 4003, 4778 to 4781
Lat 53-15 to 47 Long 102-45 to 103-03
63E07-0005

Lake water and sediment sampling
Evaluation report, 9 maps by P S Friesen

1978 *

63-E-11

UNIVERSAL EXPLORATIONS LTD
Kennedy Lake area
CBS 6894
Townships 53 and 54 Ranges 7 and 8W2
63E11-NE-0001

Magnetometer, scintillometer, geochemical and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979 *

63-E-15

S M D C
Saskatchewan River Delta-Hanson Lake south area
PERMIT No 29 (now MPP 1089)
Lat 53-47 to 54-14 Long 102-45 to 103-02
63L02-0003

Airborne E M (Input) and magnetic survey by Questor
Report, 8 maps

1978 *

* confidential

Parts of 72E, F, G and H

DOME PETROLEUM LTD
Cypress Hills-Wood Mountain area
including PERMITS Nos 1 and 2
Townships 1 to 6 Ranges 21W2 to 10W3 and
Townships 4 to 11 Ranges 14W3 to 5W4
72F-0002

Airborne radiometric survey by
Canadian Aero Mineral Surveys
(report and flight lines only, nil anomalies)

1967

RAVENSCRAG URANIUM LTD
Cypress Hills-Willow Bunch area
PERMITS Nos 1 and 2, CBS 3281 to 3294,
S 109315 to 109346 claims
Townships 2 to 10, Ranges 27W2 to 30W3
72F-0001

Geological reconnaissance survey and
lignite sampling
Report, map 1:250 000, by J H Stuart Smith
Analyses: U_3O_8

1967

ATHABASCA COLUMBIA MINING LTD
Cypress Hills-Willow Bunch area
PERMITS Nos 1 and 2, CBS 3281 to 3294,
S 109315 to 109346 (RAVENSCRAG farm-out)
Townships 2 to 10 Ranges 27W2 to 30W3
72F-0003, 0004, 0005, 0006, 0007

Ravenscrag holdings report, 3 figs
by L G Morrison

35 sample logs (H-1 to 3, 6 to 12, 21 to 22,
24 to 46)
(Shaunavon-Dollard area T6 to 8, R18 to 20W3)
Assays: U_3O_8 (lignite cuttings)
Preliminary report, drill plan,
by L G Morrison

June 1969

55 gamma, E and sample logs (H-47 to 101)
(Cypress area T6 to 8, R20 to 30W3)
Assays: U_3O_8 (lignite cuttings)
Drilling and logging report, 6 drill plans,
by L G Morrison

September 1969

38 sample logs (H-102 to 107, 109 to 140)
(mostly Shaunavon area T7 and 8, R17 to 19W3
and Stonehenge area T7, R1 and 2W3)
Analyses: lignite
Assays: U_3O_8 (lignite cuttings)
Final report on uraniferous lignite,
(5 figs. 3 drill plans, cross-section,
holdings) by L G Morrison

November 1969

Jason ACR Dollard 11-22-7-19W3
E & sonic logs with geological report
by D L Siemens

1970

NORTHERN NUCLEAR RESOURCES
Southwestern Saskatchewan
URANIFEROUS LIGNITES
Lat 49 to 50 Long 105 to 110
72F-0009

Miscellaneous reports
(Parts 72-F, G, H)

1967-68

SCOTAIRE EXPLORATION LTD
Cypress Hills-Willow Bunch area
PERMITS Nos 1 to 7, CBS 3250 to 3274,
CBS 3276 to 3278
Townships 1 to 10 Ranges 26W2 to 3W4
72F-0008

991 test hole logs (lithology and gamma probe)
Report on uraniferous lignites including
cross sections and tabulated results by
Intercontinental Resources Inc
(Saskatchewan 5 vols. Alberta 1 vol.)
Assay: U_3O_8 (core sample)

1969

Parts of 72E, F, J, K, N and 73C

MANITOBA AND SASKATCHEWAN COAL CO LTD
West-Central Saskatchewan
SASKATCHEWAN COAL RESERVATION
Townships 18 to 20 Ranges 6 and 7W3
Townships 26 to 40 Ranges 18 to 28W3
Townships 11 to 13 Ranges 26W3 to 3W4
72-0001

Test hole drilling (Edmonton, Brock, Glidden Unity, Muddy L, Salvador, Luseland, Dodsland, Kerrobert, Smiley, Vermilion Hills, Bitter L)
99 driller's logs
Exploration report, map, by R Spence Taylor

1967

72-F

S M D C
Cypress Hills Project
MPP 1091, 1092, 1093
Townships 4 to 12 Ranges 16 to 23W3
72F-0010

35 rdh records, gamma and E logs
(#GH-1 to 8, BCN-1 to 6, El to 6, FS-1 to 5, FN-1 to 3, WC-1 to 5)
Car-borne radiometric, groundwater, biogeochemical, radon soil-gas and geological surveys (facies mapping)
Report, 34 maps and 3 sections, by T Walker
Analyses

1978-79 *

S M D C
Cypress Hills Project
MPP 1091 1092 1093 1119
Townships 4 to 12 Ranges 16 to 24W3
72F-0011

116 rdh records, gamma and E logs
(# in range 91-9 to 70, 92-9 to 31, 93-1 to 14, 19-1 to 19)
Radon soil-gas surveys, prospecting and facies mapping (MPP 1093)
Report, 16 maps, 24 sections, by T Walker

1980 *

S M D C
Cypress Hills area
MPP 1091 1092 1119
Townships 6 to 12 Ranges 16 to 24W3
72F-0012

33 rdh records, gamma and E logs
(#91-71 to 73 - MPP 1091, 92-32 to 45 - MPP 1092 - less 40, 19-16 to 34, 32A - MPP 1119 - less 17, 19)
Drilling report, 10 maps 15 sections, by T Walker

1981 *

72-F-6

MEDICINE HAT BRICK AND TILE COMPANY LIMITED
Eastend-Ravenscrag area
PROSPECTING PERMITS No 1 and 2 (clay)
Section 13-6-22W3 and
Sections 26 and 27-6-24W3
72F07-0001

7 drill hole logs
(#TH 69-S-4 to 10)
2 location plats
Drying test results

1969

72-F-7

MEDICINE HAT BRICK AND TILE COMPANY LIMITED
Eastend-Ravenscrag area
PROSPECTING PERMITS No 1 and 2 (clay)
Section 13-6-22W3 and
Sections 26 and 27-6-24W3
72F07-0001

7 drill hole logs
(#TH 69-S-4 to 10)
2 location plats
Drying test results

1969

* confidential

72-F-7 continued

UTILITY COALS LTD
Shaunavon-Dollard area
COAL PROSPECTING PERMITS No 4 to 7, 11 to 33
Townships 5 to 8 Ranges 18 to 20W3
72F09-0002

88 driller's logs
(#SM 30 to 117-70)
Book 1 - 28 logs open, location map
Book 2 - 60 logs confidential, analyses, 3 maps
1970 *

72-F-9

S P C
Fife Lake-Rockglen-Shaunavon-Coal Mine Lake-Killdeer areas
COAL PROSPECTING PERMITS No 21 to 228
Townships 1 to 4 Ranges 20W2 to 4W3 and
Townships 6 to 8 Ranges 16 to 19W3
72H-0003

Rotary drilling, sampling and logging
Two evaluation reports by S H Whitaker
(1) April 1972, 30 Figures, (2) April 1973, 7 Figures
(also covering parts of 72-G-1, 72-H-2 3 4 6)
1971-72 *

UTILITY COALS LTD
Shaunavon area
COAL PROSPECTING PERMITS No 4 to 7
Township 7 Ranges 18 and 19W3
72F09-0001

29 driller's logs
(#SM 1 to 29)
Report, map, 1 in=1000 ft, 7 cross sections, by P H Shirley
Coal analyses (cuttings)
1969 *

UTILITY COALS LTD
Shaunavon-Dollard area
COAL PROSPECTING PERMITS No 4 to 7, 11 to 33
Townships 5 to 8 Ranges 18 to 20W3
72F09-0002

88 driller's logs
(#SM 30 to 117-70)
Book 1 - 28 logs open, location map
Book 2 - 60 logs confidential, analyses, 3 maps
1970 *

UTILITY COAL LTD
Shaunavon area
COAL PROSPECTING PERMITS No 34 to 38
Townships 8 and 9 Ranges 17 and 18W3
72F09-0003

52 driller's logs
(#SM 200 to 251)
Book 1 - 17 logs open, location map
Book 2 - 34 logs confidential, analyses
1971 *

72-F-10

UTILITY COALS LTD
Shaunavon-Dollard area
COAL PROSPECTING PERMITS No 4 to 7, 11 to 33
Townships 5 to 8 Ranges 18 to 20W3
72F09-0002

88 driller's logs
(#SM 30 to 117-70)
Book 1 - 28 logs open, location map
Book 2 - 60 logs confidential, analyses, 3 maps
1970 *

72-F-16

UTILITY COALS LTD
Shaunavon area
COAL PROSPECTING PERMITS No 34 to 38
Townships 8 and 9 Ranges 17 and 18W3
72F09-0003

52 driller's logs
(#SM 200 to 251)
Book 1 - 17 logs open, location map
Book 2 - 34 logs confidential, analyses
1971 *

* confidential

72-G-1

AVONLEA MINERAL INDUSTRIES
Quantock area
PROSPECTING PERMIT No 10 (clay)
Sections N 1/2 10 and 15 Township 3-1W3
72G01-0004

12 ddh records
(#81-RX-1 to 12)
Location map 1:5000
Analyses: chemical (28 auger plug samples)
physical (142 auger plug samples)
1981-82 *

PE BEN INDUSTRIES
Rockglen area
PROSPECTING PERMIT No 1 (clay)
Lsd 3 and 6 Section 15-3-1W3
72G01-0001

17 core logs
(dh #1 to 17)
Dh location plan - page size
Brief comment by J H Hudson
1974 *

FLORANESE IMPORT EXPORT COMPANY
Rockglen area
PROSPECTING PERMIT No 1 (clay)
South half Section 15-3-1W3
72G01-0002

Drilling, coring, ceramic tests
(Willowbunch Member)
Report, 5 Tables, 15 Figures
1979

S P C
Fife Lake-Rockglen-Shaunavon-Coal Mine Lake-
Killdeer areas
COAL PROSPECTING PERMITS No 21 to 228
Townships 1 to 4 Ranges 20W2 to 4W3 and
Townships 6 to 8 Ranges 16 to 19W3
72H-0003

Rotary drilling, sampling and logging
Two evaluation reports by S H Whitaker
(1) April 1972, 30 Figures, (2) April 1973,
7 Figures
(also covering parts of 72-F-9, 72-H-2 3 4 6)
1971-72 *

72-G-8

AVONLEA MINERAL INDUSTRIES LTD
St Victor area
PROSPECTING PERMITS No 6 and 7 (bentonite)
Townships 5 and 6 Ranges 29W2 to 1W3
72H05-0001

21 annotated drill hole logs with gamma logs
Memorandum: Evaluation of St Victor Bentonite
(10 Shelby samples) by D Scarfe
1980

ESTEVAN BRICK
Gollier Creek-Elm Springs area
PROSPECTING PERMIT No 1 (clay) (Lease Y-6058)
Northwest quarter Section 17-5-2-W3
72G08-0002

18 drill logs
(#1 to 17, 3A)
Location sketch
Drilling summary by J H Hudson including
reserve evaluation
1979 *

INLAND CEMENT INDUSTRIES LTD
St Victor area
PROSPECTING PERMITS No 2 and 3 (bentonite)
Townships 5 and 6 Ranges 29W2 to 1W3
72H05-0002

Shallow and deep auger drilling and sampling
148 drill logs - 72 shallow, 76 deep
Test results (viscosity, colloids, moisture,
pelletizing, benefication)
Report by D Blender and D Scarfe (no map)
1973

VOGEL J
Pickthall-Twelve Mile Lake area
No 1 claim (S-77287)
Section 32-5-1W3
72G08-NE-0003

Trenching plan
Analyses: uraniferous lignite
(3 samples SRC)
1960

* confidential

72-G-9

UTILITY COALS LTD
Assiniboia area
COAL PROSPECTING PERMITS No 1 to 3, 8 and 9
Townships 6 and 7 Ranges 30W2 and 1W3
72H12-0002

29 driller's logs
(#AM 1-69 to 29-69)
Report, map and cross sections by P H Shirley
Coal analyses: (1 sample)
1969

72-H

DOME PETROLEUM LTD
Willowbunch area
PERMIT No 1
Townships 3 to 5, Ranges 27 to 29W2
72H-0001

72 test hole records (#1 to 72)
Exploration report, 7 maps (geology, structure, isopach, assays and cross sections) by C O Hage
Additional report: Figs 3 5 6 7 revised
Assays: U_3O_8 (coal and ash)
1967

DOME PETROLEUM LTD
Buffalo Gap-Big Muddy area
PERMITS Nos 1 and 2
Townships 1 to 3 Ranges 21 to 26W2
72H-0002

127 test hole records (#100 to 226)
Exploration repot, 5 maps (structure, isopach, assays and cross sections)
Assays: U_3O_8 and coal
1968

MASTER EXPLORATIONS LTD
Willow Bunch area
COAL PROSPECTING PERMITS No 1 to 134
Townships 1 and 2 Ranges 22 and 23W2 and
Townships 2 to 5 Ranges 25 to 29W2
72H-0004

157 driller's logs
(# between WBM 34 and 336)
Report, 2 maps, by P H Shirley
Coal analyses (cuttings)
(covering parts of 72-H-3 4 5 6)
1971 *

S P C
Fife Lake-Rockglen-Shaunavon-Coal Pine Lake-Killdeer areas
COAL PROSPECTING PERMITS No 21 to 228
Townships 1 to 4 Ranges 20W2 to 4W3 and
Townships 6 to 8 Ranges 16 to 19W3
72H-0003

Rotary drilling, sampling and logging
Two evaluation reports by S H Whitaker
(1) April 1972, 30 Figures,
(2) April 1973, 7 Figures
(covering parts of 72-H-2 3 4 6)
1971-72 *

72-H-1

RAM PETROLEUMS LIMITED
Minton area
COAL PROSPECTING PERMITS No 45 to 70 (Block 3)
Townships 2 to 4 Range 19W2 and
Township 4 Range 20W2
72H01-0001

32 driller's logs
(#1 to 27, 73-07 to 09, 46, 47)
G-R, D logs (#73-07, 08, 09 only)
Report by Abscon Engineering including drilling report, 2 location maps, by D J Mossman
1972-73

72-H-2

PE BEN INDUSTRIES
Big Muddy Valley area
PROSPECTING PERMIT No 2 (clay)
Lsd 12-4-2-22-W2
72H02-0001

5 dh logs
(#1 to 4, 2A)
Outcrop and dh location map, page size
Brief comment by J H Hudson
1974

* confidential

72-H-2 continued

PE BEN INDUSTRIES
Big Muddy Valley area
PROSPECTING PERMIT No 3 (clay)
Lsd 1 and 2 Section 30-1-21W2
72H02-0002

7 dh logs
(#1 to 7)
Outcrop and dh location map, page size
Brief comment by J H Hudson
1974

RAM PETROLEUMS LIMITED
Regway area
COAL PROSPECTING PERMITS No 1 to 14 (Block 1)
Township 1 Ranges 20 and 21W2
72H02-0003

28 driller's logs (#28 to 55)
(No E logging or sampling)
Report, 2 maps, by D J Mossman
1972 *

RAM PETROLEUMS LIMITED
Minton area
COAL PROSPECTING PERMITS No 45 to 70 (Block 3)
Townships 2 to 4 Ranges 19W2 and
Township 4 Range 20W2
72H01-0001

32 driller's logs
(#1 to 27, 73-07 to 09, 46-47)
G-R, D logs (#73-07, 08, 09 only)
Report by Abscon Engineering including drilling report, 2 location maps, by D J Mossman
1972-73

72-H-3

AVONLEA MINERAL INDUSTRIES
Big Beaver area
West of PROSPECTING PERMIT No 8 (clay)
Sections 33 and 34 Township 1-24W2 and
Section 3 Township 2-24W2
72H03-0001

5 dh records
(#81-BBT-1 to 3, TA, TB)
Location map, page size
Analyses: chemical (6 auger plug samples)
physical (12 auger plug samples)
1981-81

AVONLEA MINERAL INDUSTRIES
Big Beaver area
PROSPECTING PERMIT No 12 (clay)
South half Section 4-2-24W2
72H03-0002

27 ddh records
(#81-BB1 to 10 range)
Location map (page size)
Analyses: chemical (55 auger plug samples)
physical (125 auger plug samples)
1981-82 *

72-H-4

SHELL CANADA LIMITED
Willow Bunch area
COAL PROSPECTING PERMITS No 1 to 23
Townships 3 and 4 Ranges 26 to 28W2
72H04-0001

80 dh
(#1 to 83, 3A, less 10, 25, 32,77)
Driller's and geophysical logs
(R, SP, G, NN, D)
Preliminary report
Drilling report, location map, fence diagram
Coal analyses: (core)
1972 *

72-H-5

AVONLEA MINERAL INDUSTRIES LTD
St Victor area
PROSPECTING PERMITS No 6 and 7 (bentonite)
Townships 5 and 6 Ranges 29W2 to 1W3
72H05-0001

21 annotated drill hole logs with gamma logs
Memorandum: Evaluation of St Victor Bentonite (10 Shelby samples) by D Scarfe
1980

* confidential

72-H-5 continued

INLAND CEMENT INDUSTRIES LTD
St Victor area
PROSPECTING PERMITS No 2 and 3 (bentonite)
Townships 5 and 6 Ranges 29W2 to 1W3
72H05-0002 and 0003

Shallow and deep auger drilling and sampling
148 drill logs - 72 shallow, 76 deep
Test results (viscosity, colloids, moisture, pelletizing, benefication)
Report by D Blender and D Scarfe (no map)
1973

Follow-up program including detailed drilling, mining and testing
80 drill logs (8 areas)
Test results (viscosity, moisture, peletizing, chemical, plant and other)
Report, 8 maps, by D Blender and D Scarfe
1974

MANALTA COAL LTD/TRANS CANADA PIPELINES
Willow Bunch area
COAL LEASES
Townships 3 and 5 Ranges 26 to 29W2
72H05-0005

12 driller's core and E logs
(#WT-1-74 to 10A-74)
17 caliper-gamma-density logs (9 holes)
Report, map, by P H Shirley
Coal analyses
1974 *

PE BEN INDUSTRIES
Willow Bunch-Bonneau Lake area
PROSPECTING PERMIT No 4 (clay)
Lsd 3 and 4 section 10-5-27W2
72H05-0004

17 core logs
(dh #1 to 14, 1A, 3A, 4A)
Outcrop and dh location map, page size
Reserve calculations
Brief comment by J H Hudson
1974

SHELL CANADA LIMITED
Willow Bunch area
COAL PROSPECTING PERMITS No 1 to 23
Townships 3 and 4 Ranges 26 to 28W2
72H04-0001

80 dh
(#1 to 83, 3A, less 10, 25, 32, 77)
Driller's and geophysical logs
(R, SP, G, NN, D)
Preliminary report
Drilling report, location map, fence diagram
Coal analyses: (core)
1972 *

72-H-7

GRADEV SERVICES LTD
Green Lake-Hardy area
PROSPECTING PERMIT No 1 (sand, gravel, stone)
Township 6 Ranges 21 and 22W2
72H07-0001

Test holes (backhoe)
2 letters with test summary by E D McBride
2 location plans
Tests: pebble count, rock identification
(Part now lease Y-6195) 1977 *

RAM PETROLEUMS LIMITED
Minton area
COAL PROSPECTING PERMITS No 45 to 70 (Block 3)
Townships 2 to 4 Range 19W2 and
Township 4 Range 20W2
72H01-0001

32 driller's logs
(#1 to 27, 73-07 to 09, 46, 47)
G-R, D logs (#73-07, 08, 09 only)
Report by Abscon Engineering including drilling report, 2 location maps, by D J Mossman
1972-72

* confidential

72-H-8

RAM PETROLEUMS LIMITED
Minton area
COAL PROSPECTING PERMITS No 45 to 70 (Block 3)
Townships 2 to 4 Range 19W2 and
Township 4 Range 20W2
72H01-0001

32 driller's logs
(#1 to 27, 73-07 to 09, 46, 47)
G-R, D logs (#73-07, 08, 09 only)
Report by Abscon Engineering including drilling report, 2 location maps, by D J Mossman
1972-73

72-H-12

I XL INDUSTRIES
Willows area
PROSPECTING PERMIT No 1 (clay)
Section 7-8-28W2 and Section 1-8-29W2
72H12-0001

Project review (2 pages)
Clay sampling
Test results (raw and fired properties)
1974-76

UTILITY COALS LTD
Assiniboia area
COAL PROSPECTING PERMITS No 1 to 3, 8 and 9
Townships 6 and 7 Ranges 30W2 and 1W3
72H12-0002

29 driller's logs
(#AM 1-69 to 29-69)
Report, map and cross sections by P H Shirley
Coal analyses: (1 sample)
1969

72-H-15

CONTREX LIMITED
Truax area
PROSPECTING PERMITS No 1 and 2 (bentonite)
Townships 11 and 12 Range 21W2
72H15-0006 and 0007

134 drill hole logs
Report, 2 volumes, 2 maps by R L McPherson
1971-72 *

Shallow auger sampling, structural mapping, section plotting
Field notes, 6 maps, 2 sample location sketches by R L McPherson
Analyses (including ore bulk sample) 1972 *

FLIN FLON MINES LTD
Truax area
PROSPECTING PERMIT No 1 (bentonite)
Township 11 Ranges 21 and 22W2
72H15-0001 and 0002

Review of economic potential by R L Cheesman
1970 drill logs (#1 to 13, Section 24) Appendix

Analyses and test results
(SRC, Ashland Chemicals) 1970-71 *

Prospecting, mapping and sampling
Report, 6 maps, by C A L Hogg 1971 *

FLIN FLON MINES LTD
Truax area
PROSPECTING PERMITS No 1 and 2 (bentonite)
Township 11 Ranges 21 and 22W2
72H15-0003, 0004 and 0005

1 cross section (#248, 234, 249)
5 drill hole location and reserve plans
(dh #1 to 250)
(no report or logs)
1971 *

146 drill logs (#1-72 to 146-72)
Drilling report by C A L Hogg
6 drill hole location and reserve maps 1972 *

Bentonite testing
Weekly and monthly reports by John Hudson (SRC)
2 pellitizing test reports, IR 70-75 and Indusmin Project L-230
1972-73 *

* confidential

72-H-15 continued

INLAND CEMENT INDUSTRIES LTD
Truax area
PROSPECTING PERMIT No 1 (bentonite) (Y-6038)
South half Section 5 and north half Section 32
Townships 11 and 12 Range 21W2
72H15-0008

Shallow auger drilling and sampling
(62 drill holes)
Report, map, by D Blender
Test results (viscosity, colloids, PH)

1975 *

72-I-5

GRADEV SERVICES LTD
Lillestrom area
PROSPECTING PERMIT No 2 (sand and gravel)
Sections N 1/2 10 and 15-15-29W2
72I05-0001

Backhoe and auger testing
2 letters with test summary by E D McBride
Location plan
Tests: soundness, abrasion, fractured face
(Part now lease Y-6504)

1978 *

72-I-10

IMPERIAL OIL LIMITED
Findlater-Lumsden area
SUBSURFACE MINERAL PROSPECTING PERMITS No 1 & 2
Townships 20 to 22 Ranges 21 to 26W2
72I14-0001

1964 work summary and core photography
Annual report (2 pages) by M M Hanna
Letter re seismic program by D H Parry
Colour photos of core: 11-11-20-22W2;
16-3-22-24W2; 9-3, 16-10, 16A-10-21-25W2;
also 14-21-31-6W3

1964

72-I-11

W F BOTKIN CONSTRUCTION LTD
Buffalo Pound area
PROSPECTING PERMIT NO 3 (sand)
Section 11-19-24W2
72I11-0001

Test results (sieve analyses) 9 pages
(Part now lease Y-6145)

1976 *

72-I-14

IMPERIAL OIL LIMITED
Findlater-Lumsden area
SUBSURFACE MINERAL PROSPECTING PERMITS No 1 & 2
Townships 20 to 22 Ranges 21 to 26W2
72I14-0001

1964 work summary and core photography
Annual report (2 pages) by M M Hanna
Letter re seismic program by D H Parry
Colour photos of core: 11-11-20-22W2;
16-3-22-24W2; 9-3, 16-10, 16A-10-21-25W2;
also 14-21-31-6W3

1964

W F BOTKIN CONSTRUCTION LTD
Findlater area
PROSPECTING PERMIT No 1 (gravel)
West half Section 29-21-25W2
72I14-0002

Backhoe testing
Brief note by W T Botkin (Sept 6, Oct 4)
Tests (soundness and abrasion) - no details
(Part now lease Y-6144)

1976 *

* confidential

72-J-16

GRADEV SERVICES LTD
Eyebrow area
PROSPECTING PERMIT No 1 (sand, gravel, rock)
Sections 25 26 27 and 34-22-1W3
72J16-0001

Test holes (backhoe?)
Letter with depths by E D McBride
(Part now lease Y-6857)

1983 *

72-K-2

TOMBILL MINES LTD
Vincent Lake
ALKALI LEASE A-4081 (sodium sulphate)
Townships 14 and 15 Range 22W3
72K02-0001 and 0002

Groundwater exploration, development, evaluation
Report, 23 driller's logs, sectons by V Beckie
Test results: (observation well)
Engineering study sodium sulphate and potassium sulphate plants by Stearns-Roger
Multistage potassium sulphate production flow sheets by SRC (1967)

1965 *

Test drilling by Underwood McLellan
86 dh logs (Dwg G-9, 10, 11, 12)
Location plan (Dwg G-8)
Report by J F Wade (missing Oct '83)
Analyses (SRC)

1966 *

72-K-6

RURAL MUNICIPALITY of PITTVILLE No 169
Freefight Lake area
PROSPECTING PERMIT No 2 (gravel)
Northeast Section 34-16-23W3
72K06-0001

Test hole drilling (auger)
Location plan
Letter by P Buchanan - clay and sand only

? 1978

72-K-8

TOMBILL MINES LTD
Verlo and Snakehole Lakes
ALKALI LEASES A-4083 and 4151A
(sodium sulphate)
Townships 16 and 18 Range 18W3
72K08-0001

Test drilling by Underwood McLellan
43 dh logs (Dwg G-5, 7)
3 location plans (Dwg G-3, 4, 6)
Report by J F Wade
Analyses (SRC)

1966 *

72-N-4

TROY OILS LTD
Empress-Alsask area
Proposed COAL PROSPECTING PERMIT
Township 23 to 27 Range 27 to 29W3
72N04-0001

Request for permit
Sample analysis

1973-74

* confidential

72-0-9

IMPERIAL OIL LIMITED
Dundurn area
IMPERIAL WINGELLO WELL
Lsd 14-21-31-6W3
72I14-0001

Colour photo of potash core (Box 9)
(Part of Permits 1 and 2 submission)

1964

72-0-16

COLUMBIAN OIL LIMITED
South Allen-Young area
SUBSURFACE MINERAL PROSPECTING PERMIT No 3
Townships 32 and 33 Ranges 28W2 to 3W3
72O16-0002

Geological study of potash project
Report, 4 maps, well data 4-29-32-28W2 and nearby wells, by D L Surjik and W W Wilson

1966

UNITED STATES BORAX & CHEMICAL CORPORATION
Bradwell-Allan area
SUBSURFACE MINERAL PROSPECTING PERMIT No 2A
Township 34 Ranges 1 and 2W3
72O16-0001

Groundwater investigation of glacial till
Report, including well logs, pump tests and recovery data, by R S Brown
Analyses: water

1962 *

72-P-3

LYNBAR MINING CORPORATION
Duval area
SUBSURFACE MINERAL PROSPECTING PERMIT KP235
Township 25 Range 23W2
72P03-0001

Potash solution mining project by Kali Research and Development Co Ltd
Report No TPL-51-68 by H H Werner

1968

72-P-5

W F BOTKIN CONSTRUCTION LTD
Vanzance Lake-Arm River area
PROSPECTING PERMITS No 5 and 6
(sand and gravel)
West half Township 28-28W2
72P05-0001

Brief description and test result summary by L A Hoogeveen (No 5)
Petrographic description by E D McBride (No 6)
(Part now lease Y-6461)

1979, 1983 *

72-P-9 and 10

UNITED STATES BORAX & CHEMICAL CORPORATION
Big Quill Lake area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1
Townships 31 and 32 Ranges 17 to 21W2
72P09-0001

Subsurface mapping potash prospect
9 contour maps, 1 section, by M W MacAfee

1958

* confidential

72-P-10 and 11

CAMPANA LIMITED
Watrous area
PROPOSED POTASH MINE & PROCESSING PLANT
Townships 31 and 32 Range 24W2
72P11-0001

Project evaluation by Colorado School of Mines Research Foundation
Report, 4 maps, 4 appendices, by R T Davis et al

1958

GENERAL PETROLEUMS OF CANADA LTD
Watrous area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1
Townships 30 to 32 Ranges 21 and 22W2
72P10-0001

Potash reserves study by J C Sproule and Assoc
Report, 4 maps/sections by H A Gorrell
(Fig V missing Oct 1983)

1958

GENERAL PETROLEUMS OF CANADA LTD
Nokomis area
SUBSURFACE MINERAL PROSPECTING PERMIT No 2
Lsd 6-29-30-21W2
72P10-0002

Report concerning Brine Mining of Potash by A S Dawson
Brining Potash Measures of Kutawagon #1 Well by E W Douglass (solubility and cost study)
Progress reports on brining operations by A B Roberts and J P Jackson

1956-59

72-P-12 and 13

COLUMBIAN OIL LIMITED
South Allen-Young area
SUBSURFACE MINERAL PROSPECTING PERMIT No 3
Townships 32 and 33 Ranges 28W2 to 3W3
72O16-0002

Geological study of potash project
Report, 4 maps, well data 4-29-32-28W2 and nearby wells, by D L Surjik and W W Wilson

1966

72-P-14

DAFOE MINERALS LIMITED
Wolverine area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1
Townships 34 and 35 Ranges 22 to 24W2
72P14-0001

Potash test drilling and review by J C Sproule
Report on operations by H A Gorrell including core description 4-13-35-25, map
Analyses: potash core

1969

W F BOTKIN
Plunkett area
PROSPECTING PERMIT No 8 (sand, gravel, rock)
Lsd 11 to 14 Section 29-33-24W2
72P14-0003

Prospect testing (backhoe)
Letter with test results by E D McBride

1983

WESTERN CONCRETE FINISHERS LTD
Wolverine area
PROSPECTING PERMIT No 1 (sand and gravel)
Section 32-33-24W2
72P14-0002

14 test pits (backhoe)
2 location plats
Test results (rock/lightweight %)

1981

72-P-16

ST MARY PARISH LAND COMPANY
Touchwood Hills area
SUBSURFACE MINERAL PROSPECTING PERMIT KP-261
Townships 29 and 30 Range 18W2
72P16-0001

Potash test drilling
(#16-32-29-18W2 and 10-20-30-18W2)
2 'Drilling and Geological' reports by Clare W Cawston (well data only)

1969

73

COMINCO LTD
NORTHERN SASKATCHEWAN OIL AND GAS WELLS
Lat 53° to 55° Long 105° to 110°
73-0001

Pb-Zn geochemical analyses of cores and cuttings from 80 wells, 141 pages
(covering parts of 73-F G H I J K O)
1966

GULF MINERALS CANADA LTD
NORTHERN SASKATCHEWAN OIL AND GAS WELLS
Lat 53° to 55° Long 105° to 110°
73-0002

Cu-Pb-Zn XRF analyses of well cuttings
Four volumes, 1031 pages
(covering parts of 73-F G H I J K O)
1976

73-A-5

BISON PETROLEUM AND MINERALS LTD
Muskiki Lake
ALKALI LEASES A-4075 to 4077
Townships 38 and 39 Ranges 26 and 27W2
73A05-0001

Test drilling and sampling
2 reports, 2 maps, by D L Surjik and Assocs
Analyses: (sodium sulphate)
1966-67 *

73-B-1

CANADA PERMANENT TRUST CO
Saskatoon-St Denis area
SUBSURFACE MINERAL PROSPECTING PERMIT No 3
Township 37 Ranges 1 to 5W3 and immediate area
73B01-0001

Geological study of potash prospect
Report, 9 maps, by D L Surjik and W W Wilson
Gamma log 1-22-37-1W3
Analyses: (potash core)
1967

73-B-2

CANADA PERMANENT TRUST CO
Saskatoon-St Denis area
SUBSURFACE MINERAL PROSPECTING PERMIT No 3
Township 37 Ranges 1 to 5W3 and immediate area
73B01-0001

Geological study of potash prospect
Report, 9 maps, by D L Surjik and W W Wilson
Gamma log 1-22-37-1W3
Analyses: (potash core)
1967

STAR BLACKTOP LTD
Saskatoon area
PROSPECTING PERMIT No 1 (sand)
Southwest quarter Section 11-37-5W3
73B02-0001

Test hole location map (c 96 holes)
Depth schedule
Explanatory letter from A E Fraser
Test results (soil cement and sieve analyses)
1968

73-B-6 and 7

CANADIAN EXPLORATION LIMITED
Langham area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1
Townships 38 and 39 Ranges 7 and 8W3
73B06-0001

Potash core tests
Map showing location of test wells, tops and potash grades by C W Ball
1966

* confidential

73-B-9

DEPARTMENT OF HIGHWAYS
Gabriel's Ferry - Batoche area
QUARRYING LEASES Y-5706 and 5707
Lsd 3/4-29-42-1W3 and Lsd 14-20-42-1W3
73B09-0001

Gravel pit log including sieve analyses
(Test holes # 1 to 27)
Dead haul plan

1968

73-C-1

TOMBILL MINES LTD
Lydden and Eins Lakes
ALKALI LEASE A-4078 (sodium sulphate)
Townships 35 and 36 Ranges 17 and 18W3
73C01-0001

Test drilling (121 dh)
Report, 2 maps, by R V Tompkins
Analyses (SRC)

1965 *

73-C-6

SIFTO SALT (1960) LIMITED
Unity area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1A
Township 40 Range 22W3
73C06-0001

Trump Plan solution mining experiment
Report 'Experimental development of Number 3
brine well at Unity' by W C Wandzura (Domtar)
Core log (#1 well) 15-4-40-22W3 - Appendix 1
Site and lease plans (1948 and 1950)

1967

73-C-11

CONTINENTAL (formerly WESTERN) POTASH
CORPORATION LIMITED
Vera-Unity area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1
Townships 39 to 42 Ranges 23 to 25W3
(shaft NW Section 18-41-23W3)
73C11-0001

Property appraisal, solution mining experiment
Report on potash deposit and 2 work reports
by A S Dawson (from prospectus)
Report on field inspection by A J Williams

1951

Shaft sinking, mine and market studies
Geological, plant, market, economic reports
by L G Berry et al (from prospectus App 1 to 4)
Well data and map - tops, grade, thickness
Analyses: potash (core)

1954-55

73-F

B & R RANCHING and W A BONTER
Deer Creek to Milleton
NORTH SASKATCHEWAN RIVER claims
Townships 50 to 52 Ranges 23 to 24W3
73F-0001

Gold panning report, 13 sketch maps,
by W A Bonter
Assays

1981 *

* confidential

73-G-12

GOLDEN EAGLE OIL AND GAS LIMITED
Edward Lake area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1-KP217
Township 54 Range 12W3 and area
73G12-0001

Sulphur test drilling
2 geological reports by P J Clarke
Analyses: S spectroscopic (core)

1967-69

73-H-7

IREX (KELSEY LAKE DEVELOPMENT CO/IPSCO)
Fort a la Corne-Choiceland area
CHOICELAND IRON DEPOSIT - GENERAL FILE
Township 50 Range 18W2
73H07-0003

General reports, feasibility studies, departmental memos, reserve calculations,

1957-64

73-H-7-SE

ANDERSON, W H and Ron Norman (IPSCO)
Fort a la Corne-Choiceland area
NIP claims Nos 1 to 10, WE 57 to 78, 80 to 87
Township 50 Range 18W2
73H07-SE-0006

Ground magnetic survey
Report, map, by J A Syme

1959

INTERPROVINCIAL STEEL CO (IPSCO)
Fort a la Corne-Choiceland area
WE claims Nos 59, 61 and 62
Section 23 Township 50 Range 18W2
73H07-SE-0001

3 ddh records (A S Dawson)
(IPSCO #1, 2 and 3)
Plan of magnetic high, ddh and geological interpretation by A S Dawson
3 core logs (#1 LSB, 2 and 3 SJTK)

1959

IREX MINING SYNDICATE (TRUST)
Fort a la Corne-Choiceland area
MD claims Nos 1 to 48, ANN 1 to 16, HD 1 to 18
Townships 49 and 50 Range 18W2
73H07-SE-0004

Ground magnetic survey
Report, 2 maps, by A L Parres

1955-56

IREX MINING SYNDICATE (TRUST)
Fort a la Corne-Choiceland area
MD, ANN, HD claims
Township 50 Range 18W2
73H07-SE-0005

Gravity survey by Radar Exploration Co
(Sections 3 4 9 10 15 16)
Report, map, 6 profiles by G R Johnson

1956

KELSEY LAKE DEVELOPMENT CO (IREX)
Fort a la Corne-Choiceland area
HD claims
Sections 3, 4 and 9 Township 50 Range 18W2
73H07-SE-0002

Well completion data log Irex #1 - A L Parres
Core logs Irex #2 to 5 - J B Mawdsley
Imperial California Standard Fort a la Corne 8-9-50-18 lithological log
Property report, 3 maps, by M H Frohberg
Well profile by G Hutch

1957-59

73-H-8

PLANT, FRANK S
Lost River area
SILVER FOX No 3 and MC 72869 claims
Lsd 12-11-50-17W2
73H08-SW-0001

3 trenching plans

1959-64

73-H-9-SW

EMDEE EXPLORATION (Kelsey Lake Development Co)
Kelsey Lake area
BOG claims Nos 3 to 6, 11 to 14
Section 21 Township 53 Range 17W2
73H09-SW-0005

Ground magnetic survey (Section 21)
Report, map, by T M Church

1958

FAIRWAY EXPLORATIONS LTD
Kelsey Lake area
KELSEY No 27 claim
Lsd 7-21-53-17W2
73H09-SW-0002

1 ddh record, section, E log with lithology
(Fairway-Kelsey #1)
Location map 1 in = 500 ft
Assays: Fe (core)

1971

IREX MINING SYNDICATE (TRUST)
Kelsey Lake area
BOG claims 1 to 17, LAKE 1 to 7 and others
Township 53 Range 17W2
73H09-SW-0004

Ground magnetic (Sections 20 to 22) and gravity (Sections 16 21 28) surveys by Radar Exploration Company
Report, 2 maps, profiles, by R G Johnson

1956

LEE, L W ET AL
Kelsey Lake area
MARGE No 3 and SWAMP No 2 claims
Lsd 2 and 3 Section 27-53-17W2
73H09-SW-0003

1 trenching plan

1956

73-J-4

REDI-MIX LIMITED
Prendergast area
PROSPECTING PERMIT No 13 (sand and gravel)
Sections 22 and 23 Township 59-14W3
73J04-0001

Drilling and sampling
Brief report, plan, 1 in = 300 ft, by E D McBride
"Material located is of no economic value"

1971

73-J-5

REDI-MIX LIMITED
Beaver River-Green Lake area
PROSPECTING PERMIT No 12 (sand and gravel)
Townships 63 and 64 Range 13W3 and
Township 63 Range 14W3
73J05-0001

Drilling and sampling
Brief report, map 4 in = 1 mile, by E D McBride

1971

PROPERTY INDEX

The following index lists properties as claims, claim blocks, permits, leases, reservations, special agreements and other areas. A single page number is given for each assessment file and refers to the NTS area under which the work is filed. The work also appears on other pages if it overlaps more than one map sheet, but no page numbers are given for these additional entries. Where a property appears more than once on a page this is indicated in parenthesis after the page number.

Four categories of permit are listed, each administered under different regulations of the Mineral Resources Act. Mineral Prospecting Permits (MPPs) fall under the Mineral Disposition Regulations and assessment work is confidential for six years from date of receipt or when the property lapses, whichever is sooner. Prospecting Permits are administered under the Quarrying Regulations; Subsurface Mineral Prospecting Permits (KPs) under the Subsurface Mineral Regulations, and Coal Prospecting Permits (no longer current) under the Coal Mining Regulations. None of these latter regulations specify the confidentiality period. In this catalogue work on current permits or those that later went wholly or partially to lease is shown as confidential (unless the lease has expired).

PROPERTY INDEX

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Gulf Minerals Canada Ltd	Permit No 20	3	MPP 1093	9(x2)
Ravenscrag Uranium Ltd	Permit No 1	8	MPP 1105	7
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Contrex Limited	Permit No 1	bentonite	15
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Estevan Brick	Permit No 1	clay	11
Estevan Brick	Permit No 2	clay	1
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I XL Industries	Permit No 1	clay	15
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PROSPECTING PERMITS continued

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Rural Municipality of Cymri No 36	Permit No 1	sand/gravel	1
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Star Blacktop Ltd	Permit No 1	sand	20
W F Botkin Construction Ltd	Permit No 1	gravel	16
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Y-5707	Department of Highways	gravel	21
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